Supplemental figure 3
Supplemental Figure 3: Recycling sequence–dependence and MES accessibility of SpH–B2AR insertion events.

a, Representative maximum intensity plots from analysis of a cell body region (10 x 10 µm) from transfected pyramidal neurons expressing SpH–B2AR or a mutant construct (SpH–B2AR ALA), in which endocytic recycling was specifically disrupted by addition of a single alanine residue to the C–terminus 27. b, Effect of MES addition (50 mM pH5.25) to the culture medium is shown on the TIRF image of SpH–B2AR fluorescence in a representative cell body region. MES was added immediately after the 1.6 sec exposure. Complete quenching of SpH–B2AR fluorescence was observed. An example of a transient insertion event is circled in red, and a representative persistent SpH–B2AR insertion is circled in green.